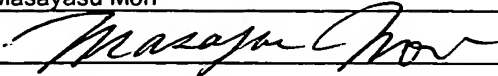


<b>REISSUE PATENT APPLICATION TRANSMITTAL</b>	Attorney Docket No.	251496US90RE
	First Named Inventor	Motoo ASAI
	Original Patent Number	6,376,049 B1
	Original Patent Issue Date	April 23, 2002
	Title	MULTILAYER PRINTED WIRING BOARD AND ITS MANUFACTURING METHOD, AND RESIN COMPOSITION FOR FILLING THROUGH-HOLE

<b>APPLICATION FOR REISSUE OF:</b> <input checked="" type="checkbox"/> Utility Patent <input type="checkbox"/> Design Patent <input type="checkbox"/> Plant Patent	
<b>APPLICATION ELEMENTS</b>	<b>ADDRESS TO:</b> Commissioner for Patents Mail Stop Patent Application Alexandria, Virginia 22313
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification and claims</p> <p>3. <input checked="" type="checkbox"/> Drawing(s)</p> <p>4. <input type="checkbox"/> Reissue Oath or Declaration</p> <p>5. Original U.S. Patent <input type="checkbox"/> Offer to surrender original patent or <input checked="" type="checkbox"/> Ribboned Original Patent Grant <input type="checkbox"/> Affidavit / Declaration of Loss</p> <p>6. Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>if yes, check applicable boxes <input type="checkbox"/> Written Consent of all Assignees <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement    <input type="checkbox"/> Power of Attorney</p>	<b>ACCOMPANYING APPLICATION PARTS</b> <p>7. <input checked="" type="checkbox"/> Statement of status/support for all changes to the claims. See 37 CFR 1.173 (c).</p> <p>8. <input checked="" type="checkbox"/> Foreign Priority Claim (35 U.S.C. 119)</p> <p>9. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449    <input checked="" type="checkbox"/> Copies of IDS Citations (2)</p> <p>10. <input type="checkbox"/> English Translation of Reissue Oath/Declaration</p> <p>11. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard</p> <p>14. <input checked="" type="checkbox"/> Other: Request for Priority Application Data Sheet (4 pages)</p>
<b>15. CORRESPONDENCE ADDRESS</b>  Customer Number <b>22850</b> (703) 413-3000 FACSIMILE: (703) 413-2220	

Name:	Masayasu Mori	Registration No.:	47,301
Signature:		Date:	4/22, '04
Name:		Registration No.:	

REISSUE APPLICATION FEE TRANSMITTAL FORM					Docket Number 251496US90RE	
Claims as filed - Part 1						
Claims in Original Patent	For	Number Filed in Reissue Application	Number Extra	Rate		Fee
86	Total Claims	92	6	x	\$18 =	\$108.00
13	Independent	14	1	x	\$86 =	\$86.00
Basic Fee (37 CFR 1.16(h))						\$770.00
<input checked="" type="checkbox"/> Late Filing of Declaration						\$130.00
Total of above calculations						\$1,094.00
<input type="checkbox"/> Reduction by 50% for filing by small entity						\$0.00
Total Filing Fee						\$1,094.00

☐ Please charge Deposit Account No. 15-0030 in the amount of \_\_\_\_\_ A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \_\_\_\_\_ to cover the filing/additional fee is enclosed.

☒ Credit card payment form is attached to cover the filing/additional fee in the amount of \$1,094.00

4/22, '04  
Date

  
\_\_\_\_\_  
Signature of Applicant, Attorney or Agent of Record  
  
Masayasu Mori  
Registration No. 47,403  
\_\_\_\_\_  
Typed or printed name

DOCKET NO: 251496US90RE

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE REISSUE APPLICATION OF :  
MOTOO ASAI, ET AL. : EXAMINER: UNASSIGNED  
PATENT NO: 6,376,049 B1 :  
ISSUED: APRIL 23, 2002 : GROUP ART UNIT: UNASSIGNED  
FOR: MULTILAYER PRINTED WIRING :  
BOARD AND ITS MANUFACTURING  
METHOD, AND RESIN COMPOSITION  
FOR FILLING THROUGH-HOLE

STATUS OF CLAIMS AND SUPPORT FOR CLAIM CHANGES

UNDER 37 CFR §1.173(c)

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In accordance with 37 CFR §1.173(c), the following is a statement of the status of the patent claims, and an explanation of the support in the disclosure of the patent for the changes made to the claims.

Claims 1-92 are present in the reissue patent application including original Claims 1-86 and new reissue Claims 87-92.

Claim 87 finds support at column 3, lines 52-54 and column 16, lines 15-42.

Claim 88 finds support at column 16, lines 8-11.

Claim 89 finds support at column 5, line 66 to column 6, line 2.

Claim 90 finds support at column 6, lines 9-11.

Claim 91 finds support at column 6, lines 17-20.

Claim 92 finds support at column 11, lines 21-25.

New Reissue Application

Patent No. 6,376,049 B1

Status of Claims and Support for Claim Changes under 37 CFR §1.173(c)

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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Masayasu Mori  
Attorney of Record  
Registration No.

Customer Number

**22850**

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Fax: (703) 413 -2220

(OSMMN 08/03)

MM:JM

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,376,049 B1  
DATED : April 23, 2002  
INVENTOR(S) : M. Asai et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], **References Cited**, the following FOREIGN PATENT DOCUMENT was omitted and should be included:

-- 9-130050      5/16/97      Japan --

Column 31.

Line 56, after "at least" insert -- one --.

Line 60, "ahigh" should be -- a --.

Column 32.

Line 53, "ans" should be -- and --.

Line 55, "the" should be -- a --.

Line 56, after "the" insert -- at --.

Line 64, "wqual" should be -- equal --.

Column 34.

Line 4, "throhg-hole" should be -- through-hole --.

Line 26, "particle" should be -- particulate --.

Lines 35-36, "novalac" should be -- novolac -- (three occurrences).

Line 38, "novalac" should be -- novolac --

Line 49, "inorgainic" should be -- inorganic --.

Line 62, "lest" should be -- least --.

Column 35.

Line 40, "electroplatinng" should be -- electroplating --.

Line 48, "lest" should be -- least --.

Line 64, "tretment" should be -- treatment --.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,376,049 B1  
DATED : April 23, 2002  
INVENTOR(S) : M. Asai et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 38.

Line 64, "ater" should be -- after--.

Signed and Sealed this

Eighteenth Day of March, 2003

A handwritten signature in black ink, appearing to read "James E. Rogan", with a horizontal line drawn underneath it.

JAMES E. ROGAN  
*Director of the United States Patent and Trademark Office*

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English Language Abstract of JP 10-22611.

\* cited by examiner